

PTO/SB/92 (09-04)

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Application No. (if known): 10/535525

Attorney Docket No.: 13111-00021-US

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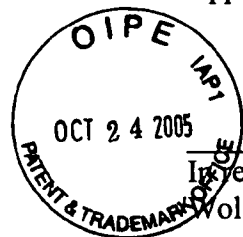
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Information Disclosure Statement  
IDS (Citation) by Applicant  
References

PW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Interim Patent Application of:  
Wolfgang Paulus et al.

Application No.: 10/535525

Confirmation No.: 9339

Filed: July 1, 2005

Art Unit: N/A

For: ENZYMATIC SYNTHESIS OF POLYOL  
ACRYLATES

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.


This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

application by this firm) to our Deposit Account No. 03-2775, under Order No. 13111-00021-US.

Respectfully submitted,

By   
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PTO/SB/08a/b (07-05)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/535525-Conf. #9339
				Filing Date	July 1, 2005
				First Named Inventor	Wolfgang Paulus
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	13111-00021-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,324,744	04-13-1982	Lechtken et al.	
	AB*	US-4,385,109	05-24-1983	Lechtken et al.	
	AC*	US-4,710,523	12-01-1987	Lechtken et al.	
	AD*	US-6,071,496	06-06-2000	Stein et al.	
	AE*	US-6,177,062	01-23-2001	Stein et al.	
	AF*	US-6,264,959	07-24-2001	Stein et al.	
	AG*	US-6,562,464	05-13-2003	Schwalm et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	IL-090820	06-30-1989	Ramot University Authority For Applied Research and Industrial Development Ltd.		
	BB	CA-2 467 390	05-22-2003	BASF AKTIENGESELLSCHAFT		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

possible. Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	CA	Tor <i>et al.</i> , "Enzymatically catalysed transesterifications of acryl and methacryl monomeric esters", <i>Enzyme Microb. Technol.</i> , Vol. 12, pp. 299-304 (April, 1990).				
	CB	Hajjar <i>et al.</i> , "Preparation Of Monomeric Acrylic Ester Intermediates Using Lipase Catalysed Transesterifications In Organic Solvents", <i>Biotechnology Letters</i> , Vol. 12, No. 11, pp. 825-830 (1990).				
	CC	Derango <i>et al.</i> , "The Lipase-Catalyzed Synthesis Of Carbamoyloxyethyl Methacrylate", <i>Biotechnology Letters</i> , Vo. 16, No. 3, pp. 241-246 (March, 1994).				
	CD	Warwel <i>et al.</i> , "An Efficient Method For Lipase-Catalysed Preparation Of Acrylic And Methacrylic Acid Esters", <i>Biotechnology Techniques</i> , Vol. 10, No. 4, pp. 283-286 (April, 1996).				
	CE	Nurok <i>et al.</i> , "Study of enzyme-catalyzed reactions in organic solvents using multiple linear regression", <i>Journal of Molecular Catalysis B: Enzymatic</i> 7, pp. 273-282 (1999).				
	CF	Athawale <i>et al.</i> , "Enzymatic synthesis of the acrylic esters: a comparative study", <i>Journal of Molecular Catalysis B: Enzymatic</i> 10, pp. 551-554 (2000).				
	CG	Potier <i>et al.</i> , "Proteinase N-catalysed transesterifications in DMSO-water and DMF-water: preparation of sucrose monomethacrylate", <i>Tetrahedron Letters</i> , Vol 41, pp. 3597-3600 (2000).				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Thané Underdahl/	Date Considered	03/03/2008
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TU/